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Claims

1. A process for producing a temperature-dependent switch, which has a temperature-dependent switching mechanism which is accommodated in a housing and, depending on its temperature, establishes an electrically conducting connection between at least two connection electrodes arranged on the outside of the housing, comprising the following steps:

   - placement of the switching mechanism in a lower part of the housing,

   - closing of the lower part with a cover part while forming at least one join,

   - stamping on of an adhesive layer in the region of the join in order to seal the join, and

   - allowing the adhesive layer to cure.

2. The process as in claim 1, wherein the switch is heated before the stamping on of the adhesive layer.

3. The process as in claim 1, wherein the switch is heated up after the stamping on of the adhesive layer.

4. The process as in claim 1, wherein the adhesive layer is applied with a stamp which deforms elastically when it presses onto the switch.

5. The process as in claim 4, wherein the stamp deforms asymmetrically.

6. The process as in claim 4, wherein the stamp deforms in such a way that it presses the adhesive taken up on its end face into the join.

7. The process as in claim 1, wherein the adhesive layer is applied with a stamp which has an end face adapted in its contour to the join.

8. The process as in claim 6, wherein the stamp which has an end face that is adapted in its contour to the join.

9. The process as in claim 4, wherein, for taking up adhesive, the stamp is dipped with its end face into a supply container.

10. The process as in claim 7, wherein, for taking up adhesive, the stamp is dipped with its end face into a supply container.

11. The process as in claim 9, wherein the supply container is a squeegee tray, which is filled to a defined height with adhesive before the stamp is dipped in.

12. The process as in claim 1, wherein, after the curing of the adhesive layer, supply leads are connected to the connection electrodes.

13. A temperature-dependent switch, having

- a housing with a lower part and a cover part, said cover part closing off said lower part while forming at least one join, an adhesive layer being stamped on in the region of the join and sealing said join,

- at least two connection electrodes for external connection of said switch being provided such as to be accessible from outside of the housing, and

- a temperature-dependent switching mechanism that is accommodated in said housing and establishes in a temperature-dependent fashion an electrically conducting connection between said at least two connection electrodes.